Listing of Claims:

Please amend Claims 51 and 52 as indicated in the following listing of claims, which replaces all prior versions and listings of claims in the application.

1. (Previously Presented) A method for authorizing a new customer to perform transactions with a self-service device, the method comprising:

extracting a first set of biometric data regarding the customer from a verification instrument;

extracting a second set of biometric data directly from at least one feature of the customer;

extracting textual data regarding the customer from the verification instrument;

automatically comparing the first and second sets of biometric data;

automatically determining, using a trained evaluation system, whether the first and second sets of biometric data are derived from a single individual; and either:

storing the biometric data and the textual data if the automatic determination is that the first and second sets of biometric data are derived from a single individual, or

having a human compare underlying sources for the first and second sets of biometric data if the automatic determination is that the first and second sets of biometric data are not from a single individual and thereafter:

determining that the first and second sets of biometric data are derived from the same individual despite differences in the first and second sets of biometric data,

inputting feedback information regarding said biometric data differences into the trained evaluation system to cause the evaluation system to reorganize itself to make a determination that the first and second sets of biometric data are from a single individual despite said biometric data differences; and

recording the biometric data and textual data in a storage device for retrieval during a future transaction with the same customer.

2. (Original) The method recited in claim 1 wherein the customer identification information comprises information derived from the extracted textual data.

3. (Previously Presented) The method recited in claim 1 wherein the customer identification information comprises a name of the customer.

4. (Original) The method recited in claim 3 wherein the transactions comprise providing funds in exchange for a financial instrument identifying the name of the customer.

5. (Original) The method recited in claim 4 wherein the financial instrument is selected from the group consisting of a note, a draft, a check, and a promissory note.

6. (Original) The method recited in claim 1 wherein the transactions comprise a financial transaction.

7. (Original) The method recited in claim 1 wherein the transactions comprise a nonfinancial transaction.

8. (Original) The method recited in claim 1 wherein the customer identification information comprises a signature of the customer.

9. (Original) The method recited in claim 1 wherein the customer identification information is further derived from one of the first and second sets of biometric data.

10. (Original) The method recited in claim 1 wherein the first set of biometric data is derived from image data on the verification instrument.

11. (Original) The method recited in claim 1 wherein the first set of biometric data is derived from data encoded magnetically on the verification instrument.

12. (Original) The method recited in claim 1 wherein the first set of biometric data is derived from data encoded optically on the verification instrument.

13. (Original) The method recited in claim 1 wherein the first and second sets of biometric data are derived from facial features.

14. (Original) The method recited in claim 1 wherein the first and second sets of biometric data are derived from fingerprints.

15. (Original) The method recited in claim 1 wherein the first and second sets of biometric data are derived from voice features.

16. (Original) The method recited in claim 1 wherein the textual data are derived from data encoded magnetically on the verification instrument.

17. (Original) The method recited in claim 1 wherein the textual data are derived from data encoded optically on the verification instrument.

18. (Original) The method recited in claim 1 wherein extracting textual data regarding the customer from the verification instrument comprises:

extracting a database reference number from the verification instrument; and

retrieving the textual data regarding the customer from a database with the database reference number.

19. (Original) The method recited in claim 18 further comprising prompting the customer to enter data for comparison with the retrieved textual data.

20. (Original) The method recited in claim 1 wherein the self-service device comprises a self-service kiosk.

21. – 31. (Canceled)

32. (Previously Presented) A method for executing a transaction with a customer, the method comprising:

extracting a first set of biometric data directly from at least one feature of the customer;

automatically comparing the first set of biometric data with a stored set of biometric data using a trained evaluation system, wherein the stored set of biometric data has previously been authenticated by automatic comparison between a set of biometric data extracted from a verification instrument and a second set of biometric data extracted directly from at least one feature of the customer; and thereafter either

completing the transaction if it is determined that the first and stored sets of biometric data are derived from the customer or

notifying a human operator that the first and stored sets of biometric data are not derived from the customer and having the operator compare underlying sources for the first and second sets of biometric data, the human operator thereafter:

determining that the first and second sets of biometric data are derived from the customer despite differences in the first and second sets of biometric data;

inputting feedback information regarding said biometric data differences into the trained evaluation system to cause the evaluation system to reorganize itself to make a determination in future transactions with the same customer that the first and second sets of biometric data are from a single individual despite said biometric data differences; and

completing the transaction.

33. (Original) The method recited in claim 32 wherein the transaction comprises a financial transaction.

34. (Original) The method recited in claim 33 further comprising:

extracting textual data from a financial instrument presented by the customer as part of the financial transaction; and

comparing the textual data with stored textual data, wherein the stored textual data was extracted from the verification instrument.

35. (Original) The method recited in claim 34 wherein the textual data comprises a signature of the customer.

36. (Original) The method recited in claim 34 wherein the textual data comprises a name of the customer.

37. (Original) The method recited in claim 32 wherein the set of biometric data extracted from the verification instrument is derived from image data on the verification instrument.

38. (Original) The method recited in claim 32 wherein the set of biometric data extracted from the verification instrument is derived from data encoded magnetically on the verification instrument.

39. (Original) The method recited in claim 32 wherein the set of biometric data extracted from the verification instrument is derived from data encoded optically on the verification instrument.

40. (Previously Presented) A self-service transaction system comprising:

a plurality of networked self-service kiosks, at least one of the self-service devices including:

a first identification device adapted to extract a first set of identification data directly from a customer; and

a second identification device adapted to extract a second set of identification data and textual data regarding the customer from a verification instrument;

means for automatically comparing the first and second sets of identification data using a trained evaluation system to make an automatic determination of whether the first and second sets of identification data are derived from a single individual;

means for notifying a human operator if the automatic determination is that the first and second sets of identification data are not derived from a single individual,

means for the human operator to compare the first and second sets of identification data and to determine whether the first and second sets of identification data are derived from the same individual despite differences therein;

means for the human operator to provide feedback information to the trained evaluation system so thereby causing the trained evaluation system to self-correct itself to make an automatic determination that the first and second set of identification data are derived from a single individual despite said differences; and

a storage device in communication with the at least one of the self-service devices for storing customer identification information derived from the textual data.

41. (Canceled).

42. (Previously Presented) The system recited in claim 40 wherein the means for automatically comparing is local to the at least one of the self-service devices.

43. (Previously Presented) The system recited in claim 40 wherein the means for automatically comparing is networked with the plurality of self-service devices.

44. (Original) The system recited in claim 40 wherein the first and second sets of identification data comprise biometric data.

45. (Original) The system recited in claim 40 wherein the first and second sets of identification data comprise image data.

46. – 48. (Canceled)

49. (Previously Presented) The method recited in claim 1 wherein the trained evaluation system comprises a neural network.

50. (Previously Presented) The method recited in claim 1 wherein each of the first and second sets of biometric data comprise data derived from different physical features of the customer.

51. (Currently Amended) The method recited in claim ~~23~~ 32 wherein the trained evaluation system comprises a neural network.

52. (Currently Amended) The method recited in claim ~~23~~ 32 wherein each of the first and second sets of biometric data comprise data derived from different physical features of the customer.

53. (Previously Presented) The self-service transaction system recited in claim 40 wherein the trained evaluation system comprises a neural network.

54. (Previously Presented) The self-service transaction system recited in claim 40 wherein each of the first and second sets of identification data comprise data derived from different physical features of the customer.